

If so terminated, the Licensee will remove the Government-furnished equipment and return the equipment to such location as the Government may direct, but not to exceed a shipping radius of 300 miles, at no cost to the Government in the same condition as received, reasonable wear and tear excepted.

3. The Licensee shall make available space and provide services (including personnel) to operate its licensed facilities during periods of emergency conditions.

4. The Licensee agrees, at no cost to the Licensee, to allow the Licensor to inspect the equipment at any time the Licensor may request.

5. The Licensee agrees that the equipment will be located at:  
620 E. Hopkins Ave., Aspen, CO 81611, N.Lat.39°11'22.5", W.Long.106°48'58.5"  
(Street, Number, City and County, or geographical coordinates)

Colorado and that it will not be removed from that location (hereinafter (State) referred to as "the site") without the prior written permission of the Licensor.

6. The Licensee agrees to obtain, at his own expense, all necessary permits and licenses to allow installation and operation of the equipment.

7. The Licensee shall not publicize the installation of the equipment, nor the method of operation, in such a manner as to give the Licensee a competitive advantage over other radio stations in normal non-emergency periods.

8. The Licensee will be responsible for, and shall bear all costs associated with the operation and maintenance of the equipment, including items installed as part of the EMP retrofit. Major replacement parts for the EMP protective system will be provided by the Government.

9. The Licensee will furnish all replacement parts for the equipment at its own expense and the Licensor will not be required to furnish any materials other than those listed in Schedule A hereto.

10. The Licensee will take reasonable precautions to prevent damage to, loss or theft of, the equipment and shall promptly report to the Licensor any damage to, loss or theft of, equipment.

11. After installation, the Licensee will periodically test the equipment at its own expense to insure that the equipment will be operational at all times.

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## OPERATION

11. After installation, the Licensee will periodically test the equipment at its own expense to insure that the equipment will be operational at all times.
12. The Licensor agrees to allow the Licensee to use the equipment provided that such use does not interfere with the capability of the equipment to function properly as a part of the Emergency Broadcast System and related emergency communications systems.
13. During periods of emergency the Licensee will broadcast, without exercising censorship, any and all program material furnished by and delivered to the Licensee's facilities by the Government.
14. If this Agreement contemplates the loan of electric power generating equipment, Licensee agrees to purchase, and maintain at all times a supply of fuel sufficient to operate the equipment for a continuous fourteen day period.
15. The Licensor and Licensee agree to the terms of this license as indicated by the signatures of their duly authorized offices on the 14TH day of MARCH, 19 88.



FOR THE LICENSOR (SIGNATURE)

EMERGENCY BROADCAST SYSTEM  
FEDERAL COMMUNICATIONS COMM.  
NAME AND TITLE (TYPE OR PRINT)



FOR THE LICENSEE (SIGNATURE)

Geoffrey S. Nimmo GM  
NAME AND TITLE (TYPE OR PRINT)

KSNO/KTYE  
620 East Hopkins Avenue  
ADDRESS  
Aspen, Colorado 81611

LOAN AGREEMENT NO. 88-7

SCHEDULE "A"

<u>ITEM NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION (INCLUDE SERIAL NUMBERS)</u>	<u>VALUE</u>
1.	1	30.Osk-152 Onan Genset 30kw Generator Located at transmitter S/N G840717231	9600.00
		Fuel Propane	713.00
2.	1	6.ORJE-3CR Onan 6kw Generator set Located at Studio S/N H840721259	7025.00
		Fuel Diesel	229.28
3.	1	Diesel Tank - Underground	
4.	1	TASCAM 22-4 Reel to Reel tape recorder S/N 360024	1000.00
5.	1	TASCAM M-30 6 Channel mixer S/N 300073	1000.00
6.	1	CRN D-150A-2 Power Amp S/N 059785	499.00
7.	1	EV RE-20 Microphone No serial number	349.00
8.	40	RCA plugs	30.00
9.		RPU Model RPL-4B AC/DC Power supplies, 15khz Audio Response Transmitter is stored at Studio, but could be set up at Police/Sheriff Dept. or Courthouse in a matter of minutes Unit is tested periodically S/N 39574 - Transmitter RPU Receiver at studio - 620 E. Hopkins Ave., Aspen S/N 43690 - Receiver	6495.00
10.		CA5-450 Antenna 5-element Yagi	160.00
		250 feet heliax transmission cable	468.00
		500 feet belden 8451 0-500	68.74
		Antenna mount	184.00
		Labor	1146.82

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

NLN 96-191

BR-714

File No.: BZ-7765

Call Sign: K R K 3

STANDARD BROADCAST STATION LICENSE

RENEWAL AND MODIFICATION

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, the LICENSEE

ALBUQUERQUE RADIO, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time **October 1, 1980**

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of **610** kHz.
2. With nominal power of **5 kilo** watts nighttime and **5 kilo** watts daytime,  
with antenna input power of **5400** watts - directional **Common Point** current **10.39** amperes  
antenna nighttime ..... **Common Point** resistance **50.0** ohms,  
and antenna input power of **5000** watts non directional **Antenna** current **10.54** amperes  
antenna daytime ..... **Antenna** resistance **45.0** ohms

3. Hours of operation: **Unlimited Time.**

**Average hours of sunrise and sunset:**

**Jan. 7:15am to 5:15pm; Feb. 7:00am to 5:45pm;**  
**Mar. 6:15am to 6:15pm; Apr. 5:30am to 6:45pm;**  
**May 5:00am to 7:00pm; June 4:45am to 7:15pm;**  
**July 5:00am to 7:15pm; Aug. 5:30am to 7:00pm;**  
**Sep. 5:45am to 6:15pm; Oct. 6:15am to 6:30pm;**  
**Nov. 6:45am to 5:00pm; Dec. 7:15am to 5:00pm;**

4. **Mountain Standard Time (Non-Advanced).**  
With the station located at: **Albuquerque, New Mexico**
5. With the main studio located at: **1410 Coar Avenue, S.W.**  
**Albuquerque, New Mexico**
6. Remote control point: **1410 Coal Avenue, S.W.**  
**Albuquerque, New Mexico**

7. Transmitter location: North Latitude: **35** ° **01** ' **50** "  
West Longitude: **106** ° **30** ' **41** "

**On State Highway 47**  
**1.9 miles S. of Albuquerque Grant,**  
**New Mexico**

8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1,3,4,13 & 21**
9. Transmitter(s): **TYPE ACCEPTED**
10. Conditions: **-**

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

1/ This license consists of this page and pages **2 & 3**

Dated: **April 16, 1977**  
the

FEDERAL  
COMMUNICATIONS  
COMMISSION



BR-714  
File No.: BZ-9765

Call Sign: KRKE

Date: 4-16-79

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Three uniform cross section, guyed, <sup>DA-N</sup> series fed, base insulated vertical steel radiators.

Height above Insulators: 400' (89.3°)

Overall Height: 403.5'

Spacing and Orientation: W(#1) to C(#2) is 986' (220°); C(#2) to E(#3) is 1031' (230°). The towers are in line on a bearing of 104.7°T.

Non-Directional Antenna: E(#3) Tower for daytime operation  
Ground System consists of 120 buried copper wire radials 400' in length interspaced about the base of each tower. Radials are bonded together at the point of intersection midway between adjacent towers. One copper strap run from transmitter longitudinally down the line of towers, bonded to the ground at the base of each tower.

2. THEORETICAL SPECIFICATIONS	Tower	W(#1)	C(#2)	E(#3)
Phasing:	Night	-24°	0°	2°
Field Ratio:	Night	1.0	1.95	1.0

3. OPERATING SPECIFICATIONS

Phase Indication*:	Night	-27°	-5°	0°
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Antenna Base Current Ratio:	Night	0.579	1.0	0.541
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Antenna Monitor Sample Current Ratio:	Night	0.52	1.00	0.53
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\* As indicated by Potomac Instruments AM-19(204) antenna monitor.

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of  $63.6^{\circ}$  true North. From the KRKE transmitter driveway entrance, proceed north approximately 1.15 miles, then turn right and proceed .58 miles to Broadway Street. Proceed north .85 miles and turn right onto Miles Road. Proceed 1.35 miles east on Miles Road and turn right on Yale Boulevard. Go .62 miles south on Yale Boulevard to monitoring point number 1. The point is on the west side of the road and is marked by a short marker stake. The field intensity measured at this point should not exceed 24 mV/m.

Direction of  $104.7^{\circ}$  true North. From monitoring point #1, proceed south on Yale Boulevard .07 miles and turn right. Proceed west and south around the airport boundary fence. Upon reaching the southwest airport boundary, continue to follow the boundary road east along the south boundary of the airport for .97 miles to a Y intersection in the road located at a railroad crossing. Proceed right at the Y intersection for approximately .1 miles to monitoring point 2. The point is on the west side of the road and is marked with a short stake. The field intensity measured at this point should not exceed 72 mV/m.

Direction of  $145.8^{\circ}$  true North. From monitoring point #2, proceed south on the gravel road .4 miles to a road intersection and turn right. Proceed southwest 1.87 miles to monitoring point number 3. The point is on the south side of the road, and is adjacent to a fenceline proceeding south from the curved road. The field intensity measured at this point should not exceed 28.0 mV/m.

Direction of  $284.7^{\circ}$  true North. Proceed southwest from monitoring point #3 1 mile to Broadway Street. Turn right and proceed north to Rio Grande Boulevard, then turn left and follow Rio Grande Boulevard 3.85 miles to Coors Road. Turn right and proceed approximately 1.1 miles north on Coors Road to monitoring point number 4. The point is on the east side of the road adjacent to a sand and gravel company. The field intensity measured at this point should not exceed 40.0 mV/m.

Direction of  $330.2^{\circ}$  true North. Proceed north from monitoring point #4 approximately 2.4 miles to Gonzales Road. Turn right on Gonzales Road and go approximately .17 miles east. Turn right and proceed south on a dirt path approximately .15 miles to a fenced burial ground. Follow along the north outside boundary path approximately .1 miles until the path turns north. This is monitoring point number 5. The field intensity measured at this point should not exceed 60.0 mV/m.

FEDERAL COMMUNICATIONS COMMISSION

CLASS OF STATION AM

The following application is submitted for action by the Chief, Broadcast Bureau

FILE NO.	APPLICANT & LOCATION	CALL LETTERS	NATURE OF APPLICATION
BZ.9765	GAYLORD BROADCASTING COMPANY Albuquerque, New Mexico	K R K E	Direct Measurement

Lic. expires: 10-1-77 ~~RENEWAL~~  
(Renewal Pending)

•jg: 2-22-79

CHIEF, LICENSE DIVISION

Recommendation: Grant ( ) Construction dates, Start \_\_\_\_\_ End \_\_\_\_\_

Contested ( ) Uncontested ( )

Common point current 10.39 amperes for directional operation night  
Common point resistance 50.0 ohms for directional operation night  
Antenna current 10.54 amperes for non directional operation day  
Antenna resistance 45.0 ohms for non directional operation day  
License specifications and page 2 attached.

Antenna input power: 5000 Watts day; 5400 Watts night

Pick-up new MF description from engr report dated 10/14/77

Re-surveyed Geographical Antenna Coordinates: N35° 01' 58"; W106° 39' 44"

**GRANTED**

APR 16 1979

Approved \_\_\_\_\_

For Chief, Broadcast Bureau